Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Monday 09 Aug 2021 until 23:59 on Tuesday 10 Aug 2021

Forecast Issued on Sunday 08 Aug 2021 at 13:26

Confidence: Low for shower detail to start the working week, high for an increasingly settled trend.

Headline for Monday 09 Aug 2021: Rather cloudy early and late, otherwise bright with a risk of heavy, perhaps thundery, showers.

Mountain weather hazards on Monday 09 Aug 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
Low Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Cloudy	Sunny intervals	Light rain showers	Light rain showers	Heavy rain showers	Cloudy
Precipitation probability							
10%	20%	20%	20%	40%	40%	40%	20%

Forecast for Monday 09 Aug 2021

Weather: Becoming rather cloudy during the early hours, perhaps giving the odd spot of drizzle over the exposed upper slopes. Cloud lifting and breaking through the morning to reveal sunny spells, in turn sparking a risk of showers that may eventually become heavy later in the afternoon. These may carry a risk of thunder and hail. Becoming drier once again into the evening, although cloud probably extensive by this time.

Chance of cloud free mountain/hill tops above 600m: 20% at first, with cloud down to 400 metres, but improving to greater than 90% by lunch, albeit with a risk of temporary deterioration in showers.

Visibility: Poor on the upper slopes first thing, but otherwise very good - falling to moderate in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 09 Aug 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	20/28 SW	16/24 SW	17/23 SW	19/26 SW	18/25 SW	17/24 SW	13/19 W	13/19 SW	14/21 SW
300	15/25 SW	12/21 SW	13/20 SW	14/20 SW	14/20 SW	13/20 SW	9/16 SW	10/18 SW	11/18 SW
Valley	8/21 SW	7/18 SW	8/19 SW	10/19 SW	10/20 SW	8/17 SW	6/15 W	6/15 SW	7/16 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/6	10/7	10/7	11/8	13/9	13/10	12/10	11/8	11/8
300	12/10	12/10	12/10	14/11	15/13	16/14	15/14	13/12	13/11
Valley	12/11	12/11	12/11	14/13	16/14	17/16	15/15	14/13	13/12
Freezing Level*	2100m	2100m	2000m	2100m	2300m	2400m	2400m	2400m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Windchill will be reasonably marked, particularly given the risk of showers in the brisk wind.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Sun 08 Aug 2021	21.8mm	27.8mm	44.2mm

Forecast for Tuesday 10 Aug 2021

Weather: Perhaps on the cloudy side first thing once again, but soon improving to a day of sunny spells and perhaps a few showers, the showers fewer and lighter than in recent days, with northwestern exposure most affected.

Maximum wind: West or northwesterly 15mph.

Chance of cloud free mountain/hill tops above 600m: 40 percent first thing, soon improving to greater than 90 percent.

Visibility: Very good, but once again moderating in showers.

Temperature: **Valleys:** Plus 12 becoming plus 19 Celsius.
At 600m: Plus 13 Celsius.
Freezing level: Well above the peaks.

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